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3-12-02

PTO/SB/08A (10-01)

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<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>				<p>Complete if Known</p>	
Sheet	1	of	2	Application Number	09/992,580
				Filing Date	November 16, 2001
				First Named Inventor	Salman Akram
				Art Unit	2815
				Examiner Name	
				Attorney Docket Number	M10 0072 VA

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
OK		US. 4,996,587	02/26/1991	Hinrichsmeier et al.	
		US. 5,898,224	04/27/1999	Akram, Salman	
		US. 5,994,166	11/30/1999	Akram et al.	
		US. 5,994,773	11/30/1999	Hirakawa, Tadashi	
		US. 6,005,778	12/21/1999	Spielberger et al.	
		US. 6,051,878	04/18/2000	Akram et al.	
		US. 6,081,023	06/27/2000	Murakami et al.	
		US. 6,087,717	07/11/2000	Ano et al.	
		US. 5,674,785	10/07/1997	Akram et al.	
		US. 5,973,403	10/26/1999	Wark, James M.	
		US. 6,262,488	07/17/2001	Masayuki et al.	
		US. 6,265,771	07/24/2001	Ference et al.	
		US. 2001/0015485	08/23/2001	Song et al.	
		US. 6,316,727	11/13/2001	Liu, Hermen	
		US. 5,444,296	08/22/1995	Kaul et al.	
		US. 5,652,463	07/29/1997	Weber et al.	
		US. 5,808,878	09/15/1998	Saito et al.	
		US. 5,952,611	09/14/1999	Eng et al.	
		US. 6,013,948	01/11/2000	Akram et al.	
		US. 6,020,629	02/01/2000	Farnsworth et al.	

FOREIGN PATENT DOCUMENTS

**Examiner
Signature**

Date Considered

3/22/4

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English language translation is attached.

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PTO/SB/08B (10-01)

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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 2

Substitute for form 1449B/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	09/992,580
<i>(use as many sheets as necessary)</i>		Filing Date	November 16, 2001
		First Named Inventor	Salman Akram
		Group Art Unit	2815
		Examiner Name	
Sheet	2	of	2
		Attorney Docket Number	MIO 0072 VA

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T2
(AT)		"Multi-Chip Module on Laminate, High-performance packaging for today's silicon", IBM Microelectronics, 1998	

**Examiner
Signature**

Date Considered

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	09/992,580
Filing Date	November 16, 2001
First Named Inventor	Salman Akram
Art Unit	2815
Examiner Name	
Attorney Docket Number	MIO 0072 VA

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Examiner
Signature

David L. Turner

Date Considered

3/22/04

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PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Substitute for form 1449/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	09/992,580
		Filing Date	November 16, 2001
		First Named Inventor	Salman Akram
		Art Unit	2826
		Examiner Name	Leonardo Andujar
Sheet	1	of	1
		Attorney Docket Number	MIO 0072 VA/40509.175

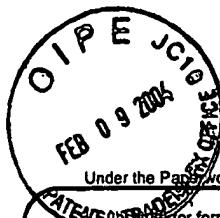
U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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ATTACHMENT
REFERENCE for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number	09/992,580
Filing Date	November 16, 2001
First Named Inventor	Salman Akram
Art Unit	2827
Examiner Name	James M. Mitchell
Attorney Docket Number	MJO 0072 VA/40509.175

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
(DT)		Number-Kind Code ² (if known)			
		US- 5,212,402	05/18/1993	Higgins, III	
		US- 5,254,871	10/19/1993	Benavides et al.	
		US- 5,283,717	02/01/1994	Hundt	
		US- 5,463,253	10/31/1995	Waki et al.	
		US- 6,118,176	09/12/2000	Tao et al.	
		US- 6,236,109	05/22/2001	Hsuan et al.	
		US- 6,303,981	10/16/2001	Moden	
		US- 6,337,510	01/08/2002	Chun-Jen et al.	
		US- 6,338,336	05/14/2002	Venkateshwaran et al.	
		US- 6,646,334	11/11/2003	Hur	
		US-			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
(DT)		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
		JP 61-147559	07/05/1986	Takegawa	

Examiner Signature	<i>James M. Mitchell</i>	Date Considered	3/22/04
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